OLIN®
Live Now

High Definition

SET TOP BOX

HVBT-5200

USER MANUAL

High Definition Terrestrial Receiver

HVBT-5200USER MANUAL

User Manual

Please read carefully before use

TABLE OF CONTENTS

Table of Contents

IMPORTANT SAFETY INSTRUCTIONS AND PRECAUTIONS 3
WHATS IN THE BOX 4
INSTALLING THE BATTERIES 4
SET TOP BOX 5
Front Panel 5
Real Panel 5
REMOTE CONTROL 6
Key Function 7
CONNECTING TO A TELEVISION 8
Video and Audio Connection 9
Connection Method A: Composite 9
Connection Method B: Component (Y, Pb, Pr) 9
Connection Method C: HDMI 9
Audio Connection 9
FIRST TIME INSTALLATION 11
OSD Language 11
Channel Search 11
BASIC OPERATION 12
Channel Selection 12
Volume Control 12
Channel Information 12
MAIN MENU 13
Program 13
Program Edit 13
EPG & Scheduling 14
Sort 16
LCN 16
Picture 16
Channel Search 17
Auto Search 17
Manual Search 17
Antenna Power 17
Time 18
Time Offset 18
Time Zone 18
Sleep 18

Option 18
OSD Language 18
Subtitle Language 18
Audio Language 18
Digital Audio 19
System Setting 19
Parental Guidance 19
Set Password.....19
Restore Factory Defaults 19
Information 19
USB 20
MULITMEDIA PLAYBACK.....21
Music 21
Photo 21
GENERAL INFORMAITON.....22
TROUBLE SHOOTING.....22
SPECIFICATIONS.....23

IMPORTANT SAFETY INSTRUCTIONS AND PRECAUTIONS

Read all instructions carefully before use.
Retain manuals for future reference.
Use this product only in the manner described.
Only use a water-dampened soft-cloth to clean the surface of this product.
Use electronic devices in well ventilated areas & not exposed to excess vibration.
The following will damage this product: any liquid such as water or moisture, extreme heat, cold, humidity, dusty or sandy environments.
Disconnect this product from mains power and antenna during lightning storms.
Only place this device on stable surfaces and ensure that any attached cables are secure and will not cause the device to fall.
There are no user serviceable parts in this product.
Un-authorized attempts to dismantle or repair this product will void product warranty and may result in dangerous electric shock.
Remove any power or data cords by pulling them from the plug and not the cord.
Using this device near other electronic devices may cause interference.
When recording images or video using this product please be respectful or the Copyright requirements and restrictions as they apply to each program in your area.
Images shown in this document are for references only and there may be differences between images and actual products.
Do not mix old and new batteries in the remote.
We reserve the right to change the products and or documentation without notice.

WHATS IN THE BOX

HVBT - 5200 HD Set Top Box

1 x Remote control

2 x AAA Battery for remote control

1x User Manual (This Document)

1X Quick Guide

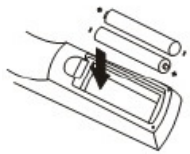
1X Warranty Card

1 x RCA AV Cable

INSTALLING THE BATTERIES

1. Remove the battery compartment cover on the rear of the Remote Control.

2. Insert the 2 X AAA batteries (supplied) in to the compartment being sure to match the polarities with the markings in the compartment.

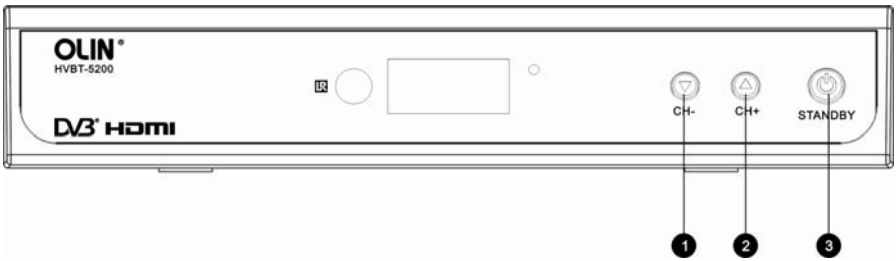


3. Fit the cover back on the remote control and make sure that it locks in place.

Note: Please do not mix old and new batteries in this remote. Remove batteries if remote
is not going to be used for long periods.

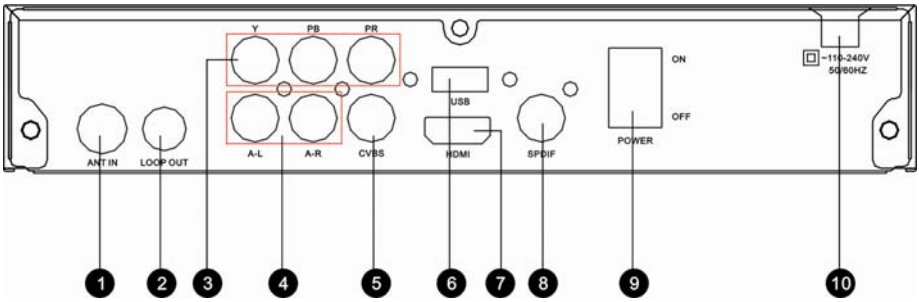
HVBT-5200 PVR READY SET TOP BOX

Front Panel



Item	Description
1	CH-
2	CH+
3	STANDBY

Rear Panel

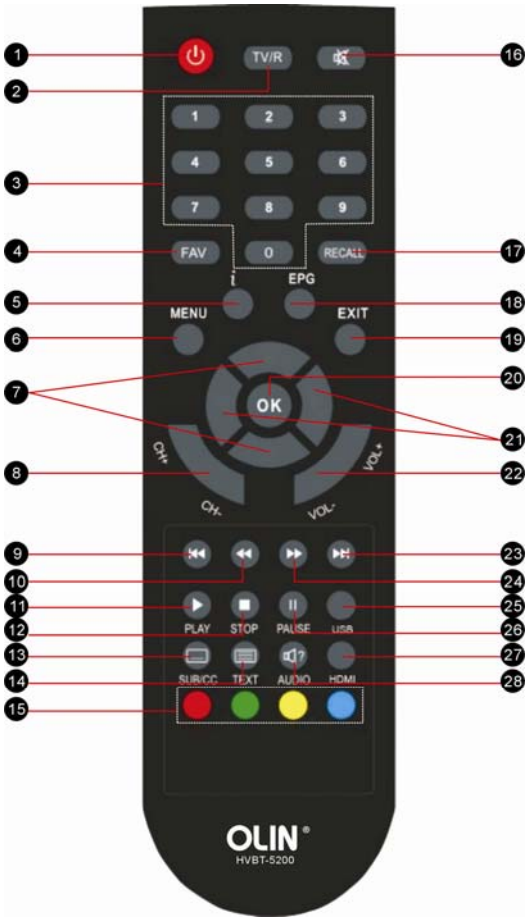


Item	Description	Item	Description
1	Antenna IN socket	6	USB
2	RF Loop Out Socket.	7	HDMI Output
3	Y/PB/PR Video Output	8	SPDIF: Coaxial Digital Audio Out
4	Audio Left/Right output	9	Main ON/OFF Switch
5	CBVS Composite Video Out	10	AC Power Cord

REMOTE CONTROL

Item Function

1、POWER
2、TV/RADIO
3、NUMERIC BUTTON (0~9)
4、FAV
5、INFO
6、MENU
7、UP/DOWN
8、CH+/CH-
9、PREV
10、BACKWORD
11、PLAY
12、STOP
13、SUB /CC
14、TEXT
15、FUNCTION KEY
16、MUTE
17、RECALL
18、EPG
19、EXIT
20、OK
21、LEFT/RIGHT
22、VOL+/VOL-
23、NEXT
24、FORWARD
25、USB
26、PAUSE
27、HDMI
28、AUDIO



NOTE: To use the Remote Control, point it towards the front of the Digital Set Top Box. The Remote Control has a range of up to 7 meters from the Set Top Box at an angle of up to 60 degrees.

REMOTE CONTROL

Key Function

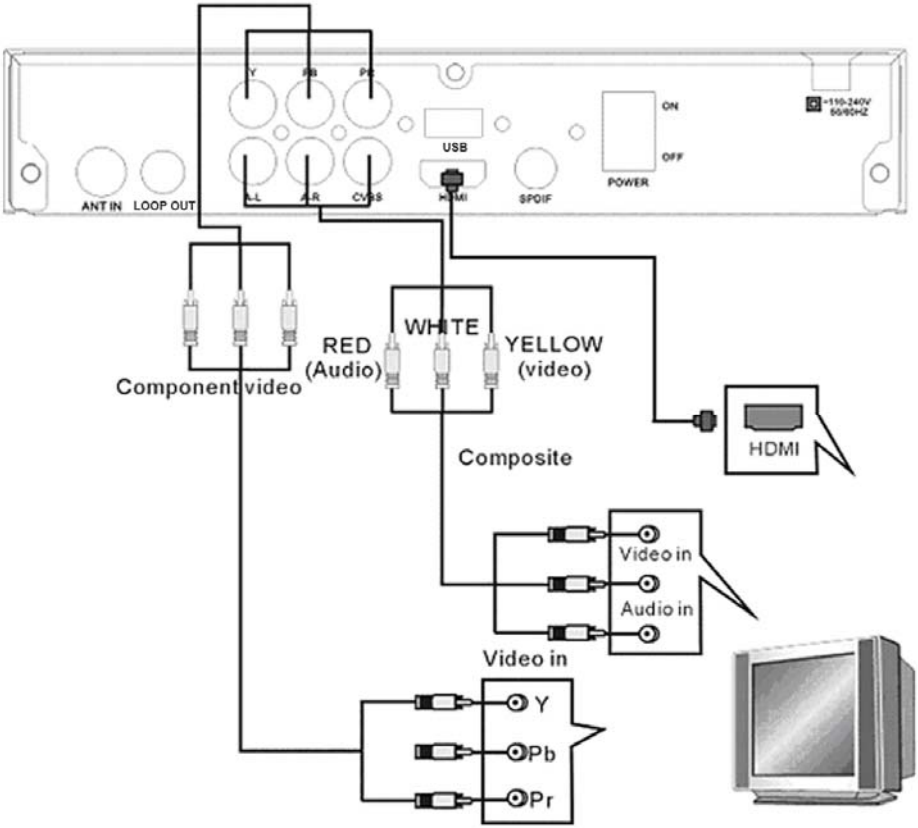
1	POWER	Press POWER key to ON / OFF the machine
2	TV/RADIO	Press TV/RADIO key to switch between TV program and Radio program
3	NUMERIC BUTTON (0~9)	0-9 numeral buttons, for input of numbers or for selecting a TV channel
4	FAV	Display favorites channel
5	INFO	Press INFO. Key to display the information bar during watch program.
6	MENU	Display menu, press again to exit current menu
7	UP/DOWN	Move selection up/down within menus and lists
8	CH+/CH-	Select next/previous channel
9	PREV	SWITCH TO LAST PROGRAMME
10	BACKWORD	Reverse fast when playing program
11	PLAY	Playing the program during watch PVR program
12	STOP	Press STOP key to stop recording program or stop program during watch PVR program.
13	SUB /CC	Switch between different subtitles
14	TEXT	TELETEXT function key
15	FUNCTION KEY	FUNCTION KEY
16	MUTE	Disable Audio output
17	RECALL	Recall last channel while watching digital TV or listening to radio
18	EPG	Press EPG key to display 7 days EPG information
19	EXIT	Back to previous menu without saving
20	OK	To confirm your choice
21	LEFT/RIGHT	The LEFT/RIGHT buttons increases or decreases the audio output volume Within a menu, press the LEFT button to return to previous menu and the RIGHT button to enter a sub-menu
22	VOL+/VOL-	Increase or decrease the audio output volume
23	NEXT	Switch to next program
24	FORWARD	Fast forward when playing program
25	USB	Access to external hard drive and firmware upgrade
26	PAUSE	Pause the program during watch program
27	HDMI	Change output picture resolution
28	AUDIO	Press AUDIO key to set the audio track and audio mode

NOTE: Some features on this remote rely on the feature being available during the broadcast. Button may not respond if function is not available.

HVBT-5200 PVR READY SET TOP BOX

CONNECTING TO A TELEVISION

1. Turn the TV off at the main power outlet.
2. Check the Main Power switch on the rear of HVBT - 5200 HD Set Top Box and the mains outlet to be connected to is in the off position.
3. Connect the Antenna cable to the ANT In socket.



4. Choose the best connection method for your Equipment. There are 3 possible connection methods and the type that you choose may depend on the type of TV that you have.

Video and Audio Connection

Connection Method A: Composite
Quality = Fair to Good
The composite cable (supplied) comprises of 1 x Video Cable (yellow) , 1 x Left Channel Audio (White) cable and 1 x Right Channel Audio (Red) cable.

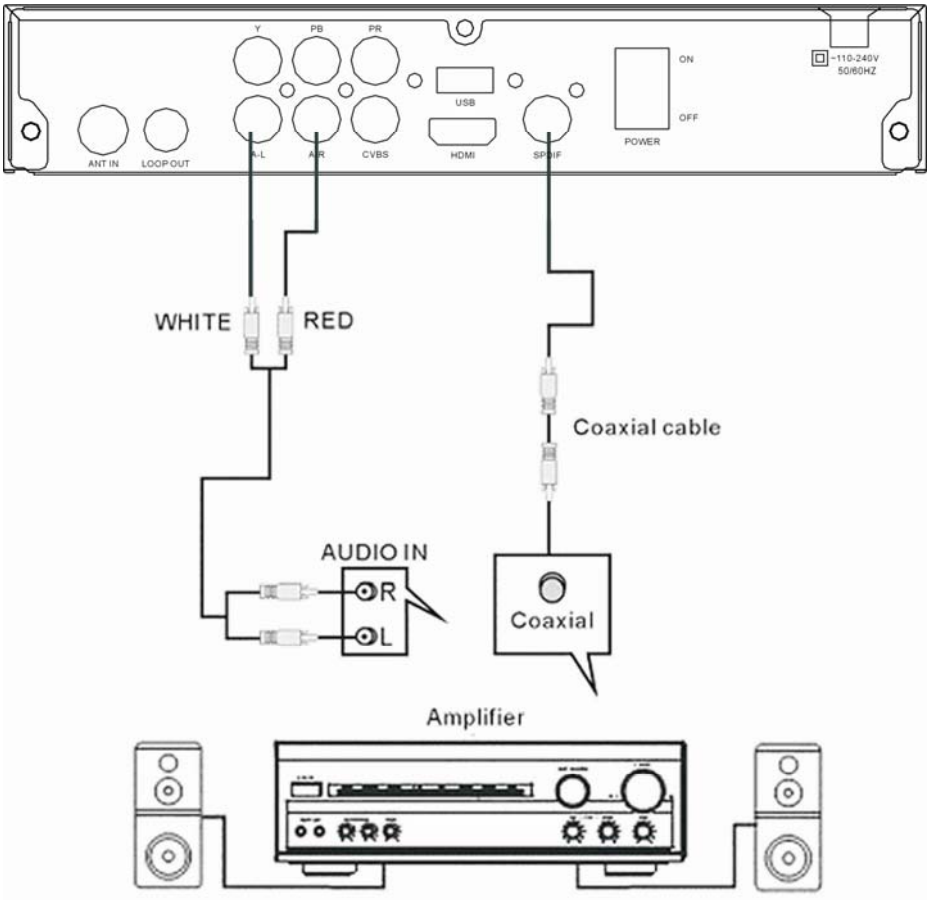
Best Used for: Older CRT Type televisions or other displays with only a standard AV input.

Connection Method B: Component (Y, PbPr)
Quality = Good to Very Good
The component cables (not supplied) comprise of 3 x Video cable each carrying different signals. Separate Audio cables are also required to carry the audio signal to the TV.
Best Used for: Any TV that has matching inputs that does not have HDMI inputs.

Connection Method C: HDMI
Quality = Best
HDMI (High-Definition Multimedia Interface) is the preferred connection method as the HDMI cable (not supplied) allows full HD Digital signal transmission to the TV.
Best Used For: Any TV that has an HDMI input.

Audio Connection
Audio can be connected to an external amplifier.
1. Connect the Stereo Left and Right channels (White & Red) to the back of the Set Top Box and the corresponding inputs on the back the audio device.
2. Connect a SPDIF Coaxial Audio Cable (not supplied) to the rear of the Set Top Box and the corresponding inputs on the back the audio device for full surround sound.

CONNECTING HVBTR-5200 PVR READY SET TOP BOX



Once the HVBTR-4800 HD Set Top Box has been connected to the power and to the TV After all connections have been made properly, switch on TV and make sure the unit is connected to the Main Power.

FIRST TIME INSTALLATION

Press Power button to switch the unit on.

If you are using the unit for the first time or have restored the unit to Factory Default, the Installation Guide Menu will appear on your TV screen.

OSD Language

To set the OSD (On Screen Display) Language press the LEFT/RIGHT buttons on the remote until the desired Language is displayed and then press the DOWN button.

Channel Search

Press OK to start the Channel Search.

The System will now scan for the available channel in your area.

Found DVB-T Channels are shown in the left window and DVB-R stations are displayed in the right.

Total progress is displayed in the bar below.

Press the EXIT or Menu Button to stop the scan at Any time.

Once the Scan is complete the first Station is shown.

If you are having problems picking up any channel or some of the channels are missing etc, refer to the Troubleshooting at the back of this manual.

BASIC OPERATION

Channel Selection

A. Use the UP or Down Buttons to go up or down through the channels individually or

B. Press the OK button to display the Channel list.

I. Use the UP/DOWN buttons to select a channel and the press the OK button to confirm selection.

I. Press the LEFT/RIGHT button to Change to DVB-R radio channel List.

I. Press the EXIT button to close the channel list and return to TV viewing.

If you know the channel number it can be entered in directly using the Numeric Key Pad.

Volume Control

Press the LEFT (VOL-) button to decrease the volume

Press the Right (VOL +) button to increase the volume

Press the MUTE button to mute the audio output. Press again to restore audio.

Channel Information

Press the INFO button on the remote control to display the current channel and program information including:

- Current channel name, number and current time.
- Current and Next program name, start and finish time

Press the INFO Button again to see more detailed information about the channel and program as well as signal strength.

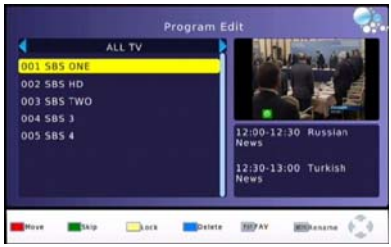
MAIN MENU

Press the MENU button to access the main system menu.
Use the LEFT and RIGHT buttons to scroll across to select the Menu Section that you require and then press the OK or DOWN button to access the required Menu Section. Press the OK button to confirm any selection or changes made in the Menu or press the EXIT button to return to the previous screen.
Press the MENU button to close the menu button and return the TV screen.

Program

Program Edit

To edit your program preferences (lock, skip, favorite, move or delete), you will need to enter the Program Edit Menu. This Menu requires a password to access. Default Password is oooooo



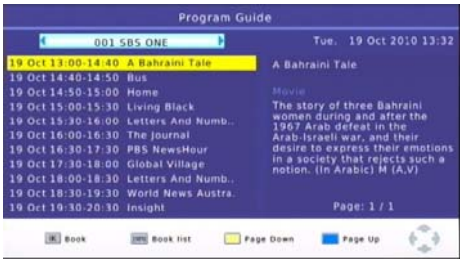
Press the LEFT/RIGH button to Change to DVB/R radio channel List.

Action	Button	Description
MOVE	**RED**	Select the channel to move and press the RED button. Use the UP and Down Button to move the channel and then press the OK button to confirm
SKIP	**GREEN**	channel to be skipped. Press GREEN again to stop the SKIP
LOCK	**YELLOW**	Use the UP and DOWN buttons to select the channel to LOCK and then press the YELLOW button. Press again to unlock LOCKED channels will require the password to be viewed.
DELETE	**BLUE**	Use the UP and DOWN buttons to select the channel to DELETE and then press the BLUE button. Press OK to confirm or EXIT to cancel.
FAVOURITE	**FAV**	Use the UP and DOWN buttons to select the channel to add as a FAVOURITE and then press the FAV button. Use the UP and Down button to select the category to save the channel as and press the OK button to confirm. Multiple categories are possible.

Note: Please see "System Setting" section later in this manual for more information on password protection.

EPG & Scheduling

The EPG is an on-screen TV guide that shows scheduled programs up to seven days in advance for every tuned channel.


Program Guide
001 SBS ONE
Tue. 19 Oct 2010 13:32
19 Oct 13:00-14:40 A Bahraini Tale
19 Oct 14:40-14:50 Bus
19 Oct 14:50-15:00 Home
19 Oct 15:00-15:30 Living Black
19 Oct 15:30-16:00 Letters And Numb..
19 Oct 16:00-16:30 The Journal
19 Oct 16:30-17:30 PBS NewsHour
19 Oct 17:30-18:00 Global Village
19 Oct 18:00-18:30 Letters And Numb..
19 Oct 18:30-19:30 World News Austra.
19 Oct 19:30-20:30 Insight
A Bahraini Tale
Movie
The story of three Bahraini women during and after the 1967 Arab defeat in the Arab-Israeli war, and their desire to express their emotions in a society that rejects such a notion. (In Arabic) M (A,V)
Page: 1 / 1
Book
Book list
Page Down
Page Up

Press the EPG button on the Remote Control to access the guide.

Use the LEFT and RIGHT buttons to change the channel.

Use the UP and DOWN button to scroll through the EPG and highlight the program you are interested in. The program information is displayed on the right hand side of the window. If more than one page of information is available use the YELLOW or BLUE buttons to display the different pages. Use the RED or GREEN buttons to display through the days. EPG can display up to 7 days.

Once you have found a program that you are interested in you can set a schedule to view the program . Use the UP or DOWN key to highlight the program from the list, then Press the OK button to enter the Event Add window, Use the UP and DOWN buttons to select the option, use the LEFT or RIGHT button to change the setting if you want, press OK button to confirm

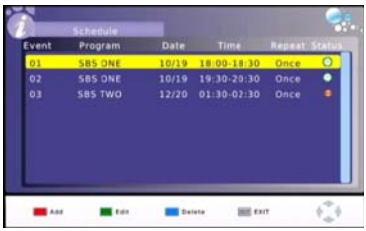
All fields will default to the details of the program that you have selected.

MAIN MENU

To accept all details as displayed please use the OK button on the remote. Or change the options as described below.

SELECTION	OPTION	DESCRIPTION
CHANNEL TYPE	**TV** **RADIO**	Choose between TV and Radio
CHANNEL NO.	**Available Channels**	Change the channel to book
CHANNEL NAME	**Default**	As per Broadcast or edited.
START DATE	**Set the date of the booking to commence (MM/DD/YY)**	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
START TIME	**Set the Start Time**	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
END TIME	**Set the End Time**	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
REPEAT	**ONCE** **DAILY** **WEEKLY**	Select whether you wish to have the booking repeat every day, every week on the same day or just once.
MODE VIEW	**VIEW**	Select to View the program

Once a Booking has been made the Schedule screen will be shown with all bookings displayed.



The Status icons:

- Green = Booked for Viewing

Programs are also marked as booked in the EPG.

Schedule buttons

Action	Button	Description
ADD	RED	Press the RED button to Add a booking manually
EDIT	GREEN	Press the GREEN button to edit the selected booking
DELETE	BLUE	Delete the selected booking
EXIT	EXIT	Press the EXIT button to return to the EPG screen

Sort

Sort your channels from the following options:

Sort type	Description
LCN (LOGICAL CHANNEL NAME)	Sort the channels in ascending order.
ONID	Sort the channels according to ONID
SERVICE NAME	Sort the channels in alphabetical order.
SERVICE ID	Sort the channels according to the station.

LCN

Set LCN to ON or OFF

Picture

The Picture menu allows you to alter the way the display is shown on you TV from the Aspect Ratio to the resolution.

SELECTION	OPTIONS	DESCRIPTION
ASPECT RATIO	**16:9 Wide Screen Auto** **4:3 Full 4:3 Pan & Scan** **4:3 Letter Box**	Set the best aspect ratio that suits you TV and or picture being displayed.
RESOLUTION	**480P for NTSC TV system.** **480i for PAL TV system.** **720P for NTSC or PAL TV system.** **1080i for NTSC or PAL TV system.**	Change the output resolution to suit your TV. Not for Composite output.

TV FORMAT	**PAL NTSC**	Set the color system used by your TV. If in doubt use the Auto option.

Channel Search

This Menu provides options to adjust the Search Channel settings.

Auto Search

Use the RIGHT button or the OK button to start the full Auto search of all channels for both DVB-T and DVB-R.

This option will delete all previously scanned channels A full scan can take several minutes.

Manual Search

This option allows you to scan for new channels without deleting previously saved channels and settings.

Use the LEFT or RIGHT button to select the frequency channel to scan and then press the OK button to start the search.
The quality status bar will indicate the quality of the signal.

Country - Australia. Cannot be changed.

Antenna Power - Select ON only if an external active antenna is connected. Can be useful with internal antenna. External rooftop antennas are recommended.

Time - Set the times zone for your area.

Time Offset
AUTO - Sets GMT Offset based on Country Region. Sets time from broadcasters EPG.
MANUAL - Requires the GMT offset to be set manually and disables the Country Region option

Country Region – choose your state

Time Zone - Set the GMT offset when Time Offset option is set to manual. Use the Left and Right buttons to select the Offset for your region.

Power Down - allows you to set a time that the STB will automatically turn off from the last input from the remote control. Options are 1 to 12 hours set in 1 hour increments. OFF disables the feature.

Option

OSD Language - English only.

Subtitle Language – Off or English.
Note: Only available if chosen subtitle language is being transmitted.

Audio Language - English only.
Note: Only available if chosen Audio language is being transmitted.

Digital Audio
Set the Digital audio output of the HVBT - 5200 HD Set Top Box
Options are: PCM, RAW or OFF. Please refer to your Audio equipment documentation for the best setting for your equipment.

System Setting

The menu provides options to adjust the system settings.

Parental Guidance
Select the parental control level you desire for TV program with lock-out function or multiple rating levels. They are listed in different levels according to Australian standards.

Note: This feature requires a password to access and allows viewing to be restricted via password for programs that are outside the restrictions. The Default password is "000000"

Set Password
Set or change the password for locked programs.

Input Old Password: Use the Numeric keypad to enter the old password.
Input New Password: Use the Numeric keypad to enter the New password.
Confirm Password: Use the Numeric keypad to enter the New password to confirm.
Note: The Default password is "000000"

Restore Factory Defaults
***WARNING* Restoring Factory Defaults will remove all saved channel information and settings. All Scheduled recordings will be deleted. Please use with care.**

Press the OK button to confirm or press the EXIT button to return to the previous screen without Restoring Defaults.

Information
Displays the current information about Model, Software and Hardware version numbers.

MAIN MENU

USB - The USB settings menu allows you to change the way the STB displays multimedia from USB devices as well as managing the device itself.

Multimedia - When a USB device is attached you can select from the Music and Photo options, in this menu using the RIGHT/LEFT keys and OK to select. If a USB device is not connected, the warning message "Not Find Any USB Device" will appear.

Photo Configure - Use the Right button to enter the Photo configuration menu.

SELECTION	OPTIONS	DESCRIPTION
Slide Time	**1 to 8 seconds**	Set the number of seconds to display each picture.
Slide Show	**1 to 59 Random**	Set the Slide Show Effect to a fixed type or set to Random effects.
Aspect Ratio	**KEEP** **DISCARD**	Use KEEP to show picture in original format or DISCARD to have images Fit the Screen.

USB Software Update

For updating firmware on the device. Refer to www.olinlivenow.com.au for details of any available firmware updates and instructions.

MULITMEDIA PLAYBACK

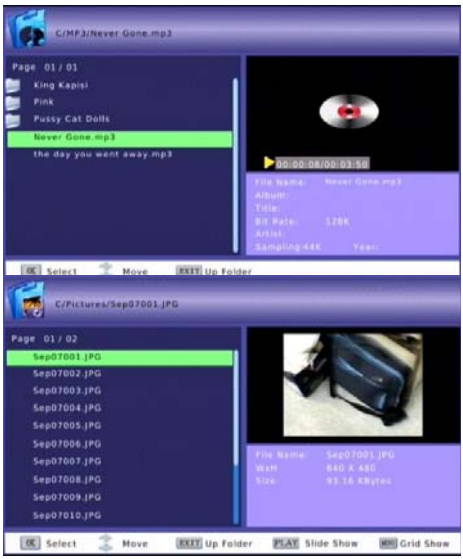
To play back record programs or view media from USB drives press the USB button on the remote control.

Use the LEFT or RIGHT button to select the type of media to access am then press the OK button to select.

Music

In the MUSIC Menu use the LEFT and RIGHT buttons to navigate to the folder on the USB device that contains the music files to play.

Select the file and press the OK button to begin playback. Track and playback information are displayed on the right hand window.



Photo

In the Photo Menu use the LEFT and RIGHT buttons to navigate to the folder on the USB device that contains the picture files to view.

Select the file and press the OK button to view an individual image or press the PLAY button to begin a Slide Show of all images in the current folder.

Press the MENU button to display the images in a grid.

Use the LEFT and RIGHT buttons to scroll through and select the image to view and press the OK button.

TROUBLE SHOOTING

Problem	Possible Cause	Solution
No Picture	Power is not connected	Connect the power and make sure unit is turned on.
Screen Shows "No Signal"	Antenna cable is not connected	Check the antenna connection to the rear of the STB (see note below)
No sound	No or incorrect audio cable connections	Check connections of audio Cables
	Sound is muted	Un-Mute audio
No picture but sound OK	No or incorrect Video cable connections	Make sure cables are connected correctly.
Remote Control is not responding	Batteries are flat	Replace.
Picture is breaking up	Signal is too weak	Check antenna connection. (see note below)
USB device is not detected	Not powered correctly	Check power source (if fitted) or reconnect.
Movie Payback out of sync	Faulty file	Check file to ensure not encoding issue
	File to large for STB	Re-encode file at lower resolution and/or data rate

The HVBT – 5200 is only as good as the signal it gets.

For further information about **signal coverage and strength** refer to the document **Reception Issues – Antenna, cabling and the Set Top Box** on the HVBT - 5200 Technical Support pages at **www.olinlivenow.com.au or Call our toll free Customer Helpline 1800656630.**

Also refer to the website **www.digitalready.gov.au**

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

TUNER	INPUT FREQUENCY	170~230MHz 471~860MHZ
	RF INPUT LEVEL	-25~-82Db
	IF BANDWITCH	7MHz & 8MHz
	MODULATION	QPSK, 16QAMM 64QAM
VIDEO	DECODER FORMAT	MPEG4 AVC/H.264 HP@L4 MPEG2 MP@ML.HL
	OUTPUT FORMAT	576p, 720p, 1080i, 4:3 & 16:9
	OUTPUT PORT	HDMI , YPbPr, CVBS
AUDIO	DECODER FORMAT	MPEG-1 (layer 1&2&3) WMA, AC3
	AUDIO OUTPUT	2 X RCA (L/R), COAXIAL SPDIF
USB 2.0	SUPPORTED MEDIA	MP3, WMA, JPEG, BMP.
POWER	SUPPLY VOLTAGE	100~240VAC 50/60Hz
	MAXIMUM POWER CONSUMPTION	8W
	STANDBY POWER CONSUMPTION	< 1W

Copyright
This manual contains information protected by copyright law.
No part of this document may be used or reproduced in any form or by any means, or stored in a database/ retrieval system without prior written permission from us.

The information of this manual is based on the current version of the product.

We reserve the right to alter the content without prior notice.
All brand names in this manual are the property of their respective owners.

Need some help?

Call our toll free
Customer Helpline today!

FREE CALL Customer Helpline 1800 656 630

Or visit our website

www.olinlivenow.com.au

WESTWELL
CONNECTING EAST TO WEST

Westwell Australia Pty Ltd

Westwell and its stylised logo are registered with the Australian IP office.
OLIN is a registered trademark of Westwell Australia Pty Ltd.
All rights reserved.
All promotional materials offered for reference only.
Actual may vary.